WINDSTER™

www.windsterhood.com

User's Manual

UNDER CABINET SERIES

WS-5830SS
WS-5836SS
WS-5842SS

NOTE: PLEASE INSPECT HOOD IMMEDIATELY UPON RECEIVING. CLAIM OF DAMAGE AFTER 7 DAYS OF DELIVERY WILL BE DENIED.

This unit is designed for indoor residential use only. DO NOT USE OVER A WOOD GRILL OR MOUNT IN OUTDOOR ENVIRONMENT.

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Please read this operation manual thoroughly before using your range hood. Store it in a safe location for when you need to reference it in the future.

Table of Contents

Safety Information ..... 2 – 3

Content Checklist 4

Measurements 5

Preparation 6– 7

Installation ..... 8 – 10

Operation & Features 11

Cleaning & Maintenance 12

Troubleshooting 13

Part List / Replacement 14

Warranty / Contact Us ..... 15 – 16

2 SAFETY INFORMATION

SAFETY INFORMATION

⚠ TO REDUCE THE RISK OF A FIRE, ELECTRICAL SHOCK, AND/OR INJURY OBSERVE THE FOLLOWING:

- Unit is intended for indoor residential use only. If you should have questions, contact the manufacturer at the address or telephone number listed in the warranty.
- In case the unit should need to be cleaned or repaired, switch power off at service panel and lock service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.
- Installation work and electrical wiring must be done by a qualified technician in accordance with all applicable codes and standards, including fire-rated construction.
- Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel burning equipment to prevent back drafting. Follow the heating equipment manufacturer's guideline and safety standards such as those published by the National Fire Protection Association (NFPA), and the American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and the local code authorities.
- Because the unit is made of stainless steel, it may contain sharp edges. Be careful to avoid cuts and abrasions by wearing protective gloves during installation and cleaning.
- Before you begin to cut or drill into the wall, verify that there is no electrical wiring or any other hidden electrical components.
- Ducted fans must always be vented to the outdoors.
- The unit must be properly grounded and installed at the recommended height before beginning operation.
- To reduce the risk of fire, use only metal ductwork.

⚠ CAUTION: FOR GENERAL VENTILATING USE ONLY. DO NOT USE TO EXHAUST HAZARDOUS OR EXPLOSIVE MATERIALS AND VAPORS

⚠TO REDUCE THE RISK OF FIRE, OR ELECTRIC SHOCK, DO NOT USE THIS FAN WITH ANY SOLID-STATE SPEED CONTROL DEVICE.

- Regardless of heat level, never leave any surface materials unattended while operating an open flame.
- Always turn hood ON when cooking at high heat or when flambéing food (i.e. Crepes Suzette, Cherries Jubilee, Peppercorn Beef Flambé).
- Depending on amount of usage, clean ventilating fans and filters frequently. Grease should not be allowed to accumulate on fan or filter. For instructions on the how to clean, see maintenance page.
- Never leave surface units unattended at high settings. Boil-overs may cause smoking and greasy spillovers may ignite as result. Heat oils slowly on low or medium settings.
- Use proper pan size. Always use cookware appropriate for the size of the surface element.

⚠ TO REDUCE THE RISK OF INJURY TO PERSONS IN THE EVENT OF A RANGE TOP GREASE FIRE, OBSERVE THE FOLLOWING:

- SMOTHER FLAMES with a close-fitting lid, cookie sheet, or metal tray, then turn off the burner. BE CAREFUL TO PREVENT BURNS. If the flames do not go out immediately, EVACUATE AND CALL 911.
- NEVER PICK UP A FLAMING PAN —Doing so may result in serious burns and possibly spread the fire.
- DO NOT USE WATER – Grease fire must be extinguished before further action may be taken. Using water will agitate the grease and may cause a violent steam explosion.
- Use a Fire Extinguisher ONLY if:
    - ❖ You know you have a Class ABC extinguisher, and you already know how to operate it.
    - ❖ The fire is small and contained in the area where it started.
    - ❖ The fire department is being called.
    - ❖ You are able to safely control the fire with your back to an open exit. * Based on “Kitchen Fire safety Tips” published by NFPA.

4 CONTENT CHECKLIST

CONTENT CHECKLIST

1. CONTENTS INCLUDED

a. (1) WS58 series(30”, 36” or 42”)hood assembly
b. (1) User’s manual
c. (1) Black 6” to 7” conversion collar
d. (2) Aluminum filters(30” model only)
e. (3) Aluminum filters (36” and 42” model only)
f. (1) Screw packet

2. CONTENTS NOT INCLUDED

a. WS58CFMR (CFM reducer)
b. WS58DK (30”, 36” or 42”) (ie. WS5830DK)
c. WS58CF (Charcoal filter)
d. 6” / 7” Aluminum or metal piping

3. TOOLS REQUIRED (NOT INCLUDED)

a. Safety gloves
b. Safety glasses
c. Electric drill w/ starter bit
d. Utility knife
e. Philips screwdriver
f. Spirit level
g. Measuring tape
h. Writing instrument (pen, marker, pencil)
i. Aluminum tape

Fig. 1a

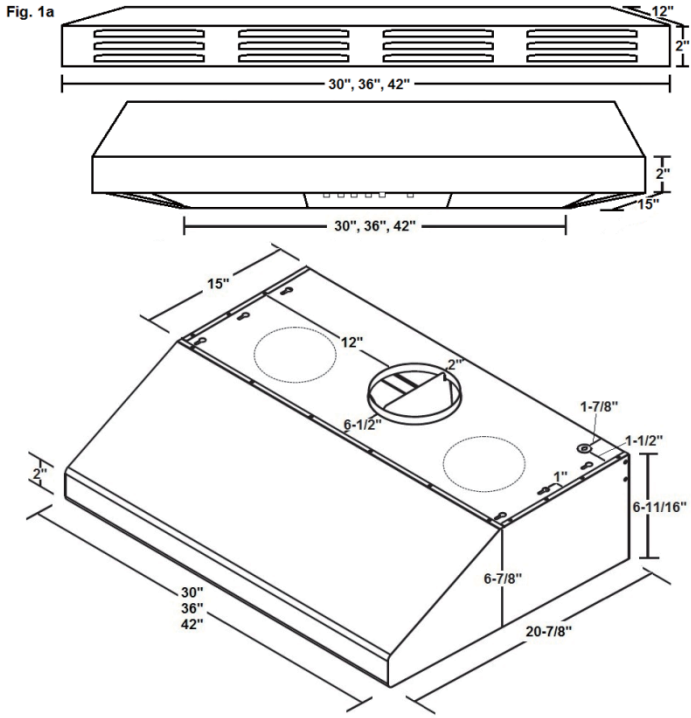
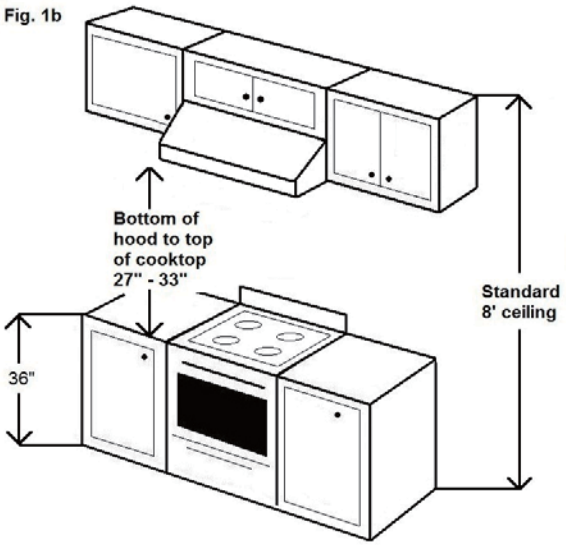

12"
2"
30", 36", 42"
2"
15"
30", 36", 42"
15"
12"
2"
6-1/2"
1-7/8"
1-1/2"
1"
6-11/16"
2"
6-7/8"
30"
36"
42"
20-7/8"

Fig. 1b


Bottom of
hood to top
of cooktop
27" - 33"
Standard
8' ceiling
36"

6 PREPARATION

PREPARATION

1. BEFORE YOU START

****DO NOT INSTALL IF DAMAGED****

****RETURN OR EXCHANGE WILL BE DENIED IF INSTALLED****

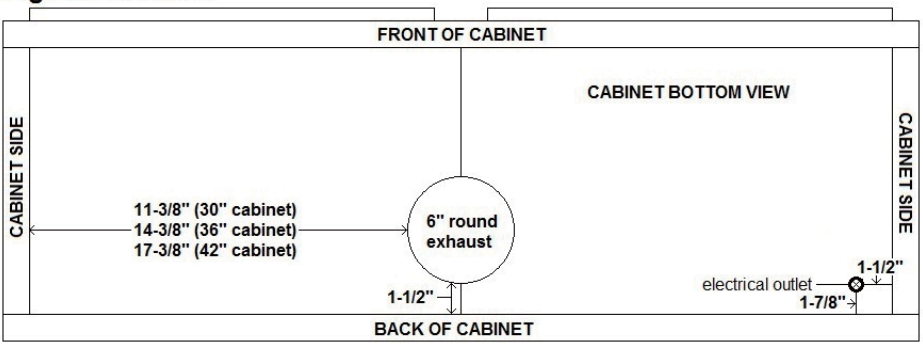
a. Be sure you have all the content of your purchase and required tools for this installation.
b. Installation may take at least 1 to 2 hours from start to finish.
c. Plan to use as few elbows or turns as possible for more efficient air flow.
d. Collar size may need to be increased if utilizing a long duct run.
e. At least 12” of vertical duct is required before any turn.
f. Do not try to install this unit by yourself, SERIOUS INJURY MAY OCCUR.
g. At least two people are needed for installation.
h. Hiring a certified installer and electrician is recommended.
i. Cold weather installation will require make-up air or a CFM reducer. Check with your local building codes for more detail.

2. LOCATION

a. Determine the exact location you want to install the range hood.
b. Distance between cooktop and range hood should be between 27”-33”.
c. Range hood should be mounted at stated measurements to ensure performance and lifespan of electrical components.
d. Correctly measure the dimension needed to install the unit.

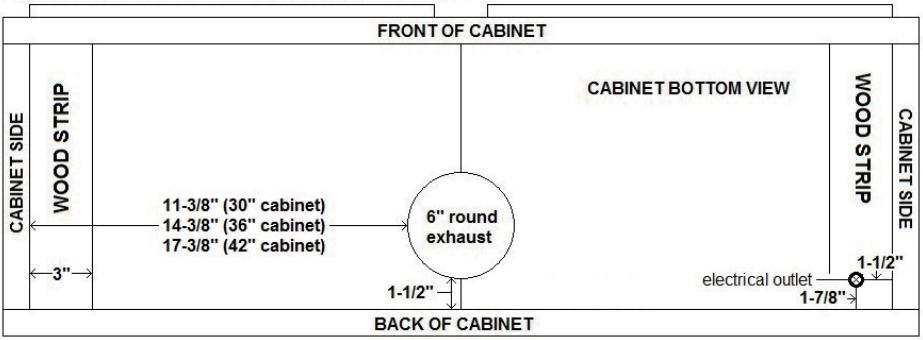
Use Fig. 1a and 1bon page 5 for measurements

Fig. 1c - Cabinet



e. For cabinet with recessed-bottom, use (2) 3" x 12" or 15" wood strips on both sides to balance the recession. Use (4) 1-1/4" long flat head screws to secure the wood strips to cabinet.**(Fig. 1d)**

Fig. 1d - Cabinet w/ recessed-bottom



3. HOOD

a. Inspect for any sign of defect or damage. (ie. scratches, dents, loose seams, etc.)

b. Power up the unit to make sure it is working properly.

c. Remove the protective file on the hood.

d. Remove the aluminum filters to access the inside of the hood.

8 INSTALLATION

INSTALLATION

1. UNDER CABINET INSTALLATION

a. Make sure all preparation steps are completed.
b. Feed the wires coming out of the hood through the bottom of the cabinet.
c. Lift the unit up flush against the wall and the bottom of the cabinet.
d. Using the screws and washers provided, insert into each of the keyhole openings and tightly secure the unit against the bottom of the cabinet.

NOTE: Install more screws through the back of the unit if necessary.

e. Use the conversion collar for 7" ducting. (OPTIONAL)
f. Connect 6" or 7" ducting to the collar of the hood.
g. Finish off by sealing the connection points with aluminum tape.

2. COLD WEATHER INSTALLATION (OPTIONAL)

a. Check with your local building codes to see if a CFM reducer is an acceptable alternative to make-up air.
b. Remove the WS55CFMR (CFM Reducer) and inspect for any sign of defect or damage. (ie. Cracks, broken flips)
c. AFTER COMPLETING Step A – D of Section 1 UNDER CABINET INSTALLATION
d. Place the CFM reducer onto the outlet of the unit and seal the connection point with aluminum tape. (Be sure it is secure with no opening or gaps)
e. Connect a 6" ducting to the collar of the CFM reducer.
f. Finish off by sealing the connection points with aluminum tape.
g. **NOTE: If using CFM reducer, you must connect the reducer to unit before continuing.**

3. DUCTLESS INSTALLATION (OPTIONAL)

a. Make sure all preparation steps are completed.

b. Lift the ductless kit up flush against the wall and the bottom of the cabinet. **(Fig. 2a)**

c. Using the screws and washers provided, insert into each of the keyhole openings and tightly secure the ductless kit against the bottom of the cabinet.**(Fig. 2b)**

d. Lift the unit up flush against the wall and the bottom of the ductless kit and tightly secure the unit with the screws provided. **(Fig. 2c)**

e. Installation is complete after the unit is secured. **(Fig. 2d)**

NOTE: Install more screws through the back of the unit if necessary.

Fig. 2a

Fig. 2c

Fig. 2b

Fig. 2d

10 OPERATION & FEATURES

OPERATION & FEATURES

1. EASY ACCESS CONTROL SWITCH (from left to right)

a. Button 1 – Power ON / OFF
b. Button 2 – Low Speed
c. Button 3 – Medium Speed
d. Button 4 – High Speed
e. Button 5 – Lights ON/OFF

2. ALUMINUM FILTERS

a. (2) 14” x 11-1/2”Aluminum filters (30” model only)
b. (3) 14” x 11-1/2” Aluminum filters (36” and 42” model only)

3. CHARCOAL FILTERS

****DO NOT WASH CHARCOAL FILTERS! IT WILL DISSOLVE!!****

a. (2) Round charcoal filter sheets
b. When to replace a charcoal filter will depend on:
    i. How often you cook.
    ii. How long you cook.
    iii. Types of food you cook
b. Remove charcoal filters from unit and wipe the edges with soapy water.
c. Clean the charcoal filters regularly for the most efficient suction power.
d. Do not drop charcoal filters or filler

CLEANING& MAINTENANCE

WARNING!!!

⚠To prevent the possibility of a fire and explosion, do not use flammable liquids or solvents to clean the unit or any of its parts.

⚠Check to make sure all power sources are disconnected before servicing or taking unit apart for cleaning.

⚠Please thoroughly clean the unit weekly as stainless steel can rust under certain condition or by improper cleaning.

1. RANGE HOOD

a. Use household cleaner to remove grease or dirt from the outer shell of the unit. Spray on wiping cloth or spongeand wipe in the direction of the grain to avoid scratching the unit.**(DO NOT SPRAY DIRECTLY ONTO UNIT)**
b. Clean the inner working of the unit periodically to avoid grease build-up.
c. Do not open control switch panel while the hood is connected to power.
d. Use stainless steel cleaner to bring back the shine to the unit.

2. ALUMINUM FILTERS

a. Remove aluminum filters from unit and place in warm soapy water.
b. Clean the aluminum filters regularly for the most efficient suction power.
c. Do not drop aluminum filters or filler.
d. Let it soak thoroughly and then clean it with wiping cloth or sponge.
e. Aluminum filters may also be cleaned using residential dishwasher.

12 TROUBLESHOOTING

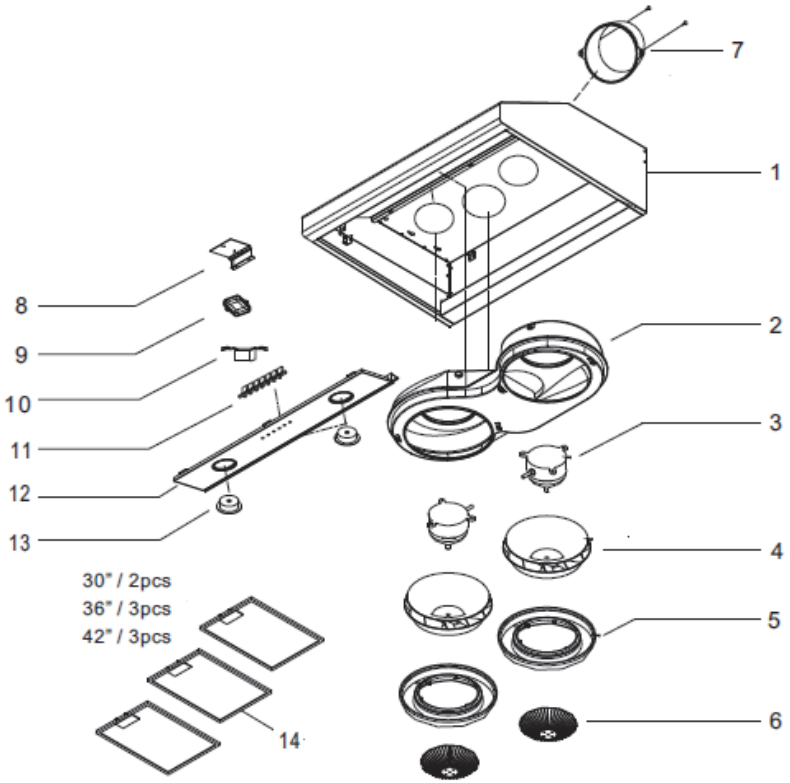
TROUBLESHOOTING

WARNING!!!

⚠Check to make sure all power sources are disconnected before starting any troubleshooting. Safety gloves and glasses should be worn when working on the unit. Serious injury or death may occur if safety precautions are not followed.

WS58 Series	
Light Issue (All not turning on)	New Transformer replacement is required.
Light Issue (One light not turning on)	Replace old defective fixture with new fixture.
Light/Speed buttons not staying down	Complete Control switch replacement is required.
Speed levels not working correctly	Complete Control switch replacement is required.
Unit lacking smoke intake	Make sure a reducer has not been installed.
Unit showing no power indication	1. Make sure the power source is working properly. 2. All wiring is connected.
Unit making humming noise	Replace defective capacitor with new one.

PART LIST / REPLACEMENT



#	Description	#	Description
1	Hood body assembly	8	Bracket
2	Air chamber	9	Transformer
3	Motor	10	Capacitor
4	Fan impeller	11	Control switch
5	Oil funnel	12	Panel
6	Protective grills	13	LED light
7	6” collar	14	Aluminum filters

14 WARRANTY / CONTACT US

WARRANTY / CONTACT US

LIMITED WARRANTY

Windster Hoods Inc. warrants its product against defects in material or workmanship as follows:

Labor: For a period of one (1) year from the date of purchase, if the product is determined to be defective, Windster will repair or replace the product, at its option, at no charge. After the warranty period, customer must pay for all labor charges. During the "labor" warranty period there will be no charge for any work done on the purchased model. (All labor repairs are limited only to the installation of electrical components.)

Parts: In addition, Windster will supply, at no charge, new or rebuilt replacements in exchange for defective parts for a period of two (2) years. After the warranty period, you must pay for all parts costs. During the "parts" warranty period, there will be no charge for parts

You must provide the serial number of your unitfor any replacement parts during the warranty period. This warranty applies to products purchased and serviced in the United Statesonly.

For products purchased in Canada, please contact your local retailer where you purchased the unit for service.

*Windster Hoods, Inc. will attempt to repair malfunctioning units prior to shipping a replacement. In the case that a unit cannot be repaired and must be replaced, Windster Hoods, Inc. will not be held liable for removal/installation fees of the malfunctioning/replacement unit.

WHAT IS NOT COVERED BY MANUFACTURE WARRANTY

1. Damages resulting from any of the following:
    a. Improper installation or maintenance
    b. Any repair, modification, alteration or adjustment not authorized by the manufacturer or an authorized service dealer
    c. Misuse and/or accidents
    d. Incorrect electric current, voltage or power supply
    e. Improper setting of any control (Pressing multiple selections at the same time)
    f. Improper chemical cleaning (commercial or industrial cleaning agents)

2. Products purchased for use in a commercial or industrial setting (such as in a hotel, office, restaurant, or other business)
3. Damage resulting from natural disasters (earthquake, flood, storm, etc.)
4. Aluminum Filters, Baffle Filters, Charcoal Filters, and Oil Cup Filters
5. Light Bulbs

CONTACT US

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